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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(d))

Attorney Docket No.	DNV-003
First Named Inventor	Schwartz
Title	Engineered Stimulus-Responsive Switches

APPLICATION ELEMENTS

1. Fee Transmittal Form
 2. Small Entity Status
 Applicant claims small entity status
 Status established in prior application and is still proper and desired
 3. Specification and Drawings [Total Pages 98]
 - Written Description - (71 pages)
 - Claims - (15 pages)
 - Abstract - (1 page)
 - Sheets of Drawings - (11 sheets)
 Formal
 Informal
 4. Oath or Declaration [Total Pages]
 a. Newly executed (original)
 b. Copy from a prior application (37 CFR 1.63(d))
*(for continuation/divisional with Box 17 completed)
 /Note Box 5 below/*
 5. Incorporation by Reference (usable if Box 4b is checked)
 The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
 6. Application Data Sheet
 7. Nucleotide and/or Amino Acid Sequence Submission
 Computer Readable Form (CRF)
 Paper Copy (identical to computer copy)
 CD (2 copies) (identical to computer copy)
 Statement verifying identity of above copies

ADDRESS TO: Box Patent Application
 Commissioner for Patents
 Washington, D.C. 20231

ACCOMPANYING APPLICATION PARTS

8. 37 CFR 3.73(b) Statement (*when there is an assignee*)
 Power of Attorney
 9. English Translation Document (*if applicable*)
 10. Information Disclosure Statement (IDS)/PTO-1449
 Copies of IDS Citations
 11. Preliminary Amendment
 Drawings [Total Sheets]
 12. Return Receipt Postcard (*specifically itemized*)
 13. Certified Copy of Priority Document(s) (*if foreign priority claimed*)
 14. Nonpublication Request Under 35 U.S.C. 122(b)
 15. CD in duplicate for large table or computer program
 16. Other:

17. If a CONTINUING APPLICATION: Amend the specification by inserting on page 1, before the first line, the sentence:

--This is a
 continuation divisional continuation-in-part of prior application Serial No. / , filed on , , the entire disclosure of which is incorporated by reference herein.--

Priority to the above application(s) is claimed under 35 U.S.C. 120.

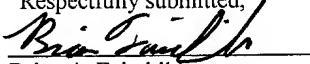
Prior application information: Examiner: . Group/Art Unit: .

18. Priority - 35 U.S.C. 119
 Priority of application Serial No. 60/242,546 filed on October 23, 2000 in the U.S. is claimed under 35 U.S.C. 119.
 The certified copy has been filed in prior U.S. application Serial No. / on .
 The certified copy will follow.

CORRESPONDENCE ADDRESS

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SIGNATURE BLOCK

Respectfully submitted,

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JC821 U.S. Pat. & Tm. Off.
10/23/01

PATENT
Attorney Docket No. DNV-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Schwartz et al.

SERIAL NO.: Not yet assigned GROUP NO.:

FILING DATE: October 23, 2001 EXAMINER:

TITLE: ENGINEERED STIMULUS-RESPONSIVE SWITCHES

Assistant Commissioner for Patents
Washington, D.C. 20231

**SUBMISSION OF PAPER COPY AND/OR COMPUTER READABLE COPY
OF SEQUENCE LISTING FOR INVENTION
CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE**

Sir:

1. This replies to the Patent Office Letter dated

A copy of the Patent Office Letter is enclosed.

2. Submitted herewith is/are
(check each item as applicable)

A. a paper copy of the Sequence Listing for this application with each sequence assigned a separate identifier.

B. a copy, in computer readable form, of the Sequence Listing for this application.

STATEMENT

3. I hereby state that:

(complete applicable items A, B and/or C)

- A. the content of the paper and computer readable copies submitted herewith are the same.
- B. the content of the computer readable copy submitted herewith is the same as the Sequence Listing appearing on pages __ to __ of the original specification as filed.
- C. this submission includes no new matter.

Respectfully submitted,



Brian A. Fairchild, Ph.D.

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Date: October 23, 2001

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